EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2280	(74/388PS,492,493).CCLS.	USPAT; USOCR	OR	OFF	2006/02/08 14:14
S2	42	S1 and harden$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/20 21:21
S3	18	("3665783" | "4149431" | "4189955" | "4215591" | "4222282" | "4572005" | "4681183" | "4940102" | "5288556" | "5341891" | "5445237" | "5860323" | "5927429" | "6041885" | "6155376" | "RE28740").PN. OR ("6543569"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/08 14:18
S4	0	S3 and harden$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/08 14:18
S5	0	S3 and quench$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/08 14:18
S6	2	S1 and quench$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/02/08 14:18
S7	5	"148" and steering near rack and harden$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/08 14:20
S8	7	"148".clas. and steering near rack and harden$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/08 14:20
S9	4	(S2 or S7 or S8) and depth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/08 14:43
S10	0	jp411281071.pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/08 15:04

S11	0	jp411281071	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/08 15:04
S12	1	jp11281071	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/08 15:06
S13	1	("5988005").PN.	USPAT; USOCR	OR	OFF	2006/02/08 15:06
S14	0	S13 and quench	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/08 15:06
S15	0	S13 and harden$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/08 15:06
S16	896	"148".clas. and quench and depth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/08 16:33
S17	2071	"148".clas. and quench$4 and depth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/08 16:34
S18	1	"148".clas. and quench$4 and depth and rack near steering	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/08 16:34
S19	0	"74".clas. and quench adj surface adj harden$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/26 15:28
S20	193	"74".clas. and surface adj harden$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/26 15:29

S21	242	rack and surface adj harden$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/26 15:29
S22	0	rack and quench adj surface adj harden$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/26 15:30
S23	8	rack and quench with surface adj harden$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/26 15:30
S24	7	("20010006000" | "20010020328" | "4598451" | "5473960" | "6000267" | "6082483" | "6244374").PN. OR ("6925899").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/26 15:35
S25	3	S24 and harden$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/26 15:35
S26	8	quench adj surface adj harden$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/26 15:44
S27	242	(rack or rack$bar) and surface adj harden$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/26 15:45
S28	418	(rack or rack$bar) and surface near harden$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/26 15:48
S29	4	("2003/0097894").URPN.	USPAT	OR	OFF	2006/06/26 16:07
S30	11	("1526858" | "20030097894" | "3633933" | "4516663" | "4646554" | "4741191" | "5058446" | "5082077" | "5197561" | "5582070").PN. OR ("6782772").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/26 16:09
S31	1	S29 and harden$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/26 16:09
S32	0	("2004/0007801").URPN.	USPAT	OR	OFF	2006/06/26 16:09

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S33	8238	(rack or rack$bar or bar) and quench	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 11:14
S34	1778	(rack or rack$bar or bar) and quench and harden$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 11:14
S35	198	(rack or rack$bar or bar) and quench and surface near harden$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 11:22
S36	1	steering adj (rack or rack$bar) and quench and surface near harden$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 11:23
S37	10	(US-20030097894-$).did. or (US-6502473-$ or US-6543569-$ or US-5473960-$ or US-5988005-$ or US-6244374-$ or US-6082483-$).did. or (US-2297983-$).did. or (JP-2001099269-$).did. or (WO-2006017880-$).did.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	OFF	2006/06/27 11:24
S38	5	S37 and harden$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 11:25
S39	3	S37 and surface near harden$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 11:25
S40	5	"6464034"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 11:55
S41	1	S40 and harden$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 11:55

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S42	1	S40 and harden$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 11:59
S43	41	surface near harden$3 with quench$3 and (rack or rack4bar)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 12:00
S44	41	surface near harden$3 with quench$3 and (rack or rack$bar)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 12:00
S45	11	(US-20030097894-$).did. or (US-5988005-$ or US-6543569-$ or US-6082483-$ or US-5473960-$ or US-6502473-$ or US-6244374-$).did. or (US-2297983-$ or US-2202758-$). did. or (JP-2001099269-$).did. or (WO-2006017880-$).did.	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	OFF	2006/06/27 12:51
S46	6	S45 and harden$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 12:52
S47	4	S45 and quench	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 12:52
S48	6	S45 and quench$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 13:30
S49	3690	(rack or rack$bar) and quench$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 13:30
S50	287864	steering (rack or rack$bar) and quench$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 13:30

S51	61	steering with (rack or rack$bar) and quench$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 13:30
S52	7	"5988005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 15:08
S53	2	"5988005".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 15:08
S54	0	S53 and quench$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 15:08
S55	0	S53 and harden$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 15:08
S56	1	"6464034".pn. and (quench$3 aor harden$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 16:12
S57	0	"5988005".pn. and (quench$3 aor harden$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 15:35
S58	4	(rack or rack$bar) with hardness near different	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 16:13
S59	5	(rack or rack$bar) with hardness$2 near different	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 16:14
S60	1	("5428208").PN. OR ("6706127"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/27 16:13

S61	166	(rack or rack$bar) with hardness$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 16:15
S62	1	("5428208").PN. OR ("6706127"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/27 16:22
S63	19	(US-20030097894-$).did. or (US-5988005-$ or US-6543569-$ or US-6082483-$ or US-5473960-$ or US-6502473-$ or US-6244374-$ or US-5428208-$ or US-6454042-$ or US-6706127-$).did. or (US-2297983-$ or US-2202758-$).did. or (WO-2004106574-$).did. or (JP-2001099269-$ or JP-04173476-$ or JP-2003164941-$).did. or (WO-2006017880-$ or JP-57181327-$ or JP-2001234245-$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 16:30
S64	9	S63 and harden$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/06/27 16:30
S65	65	duggirala.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/06 12:52
S66	1	("5428208").PN. OR ("6706127"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/06 12:54
S67	22	("2294413" | "2452197" | "3125655" | "3488236" | "3522405" | "3737613" | "4258241" | "4375997" | "4447690" | "4698473" | "5242514").PN. OR ("5428208").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/06 12:54
S68	1	("5428208").PN. OR ("6706127"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/06 13:44
S69	2307	(74/388PS,492,493).CCLS.	USPAT; USOCR	OR	OFF	2006/11/06 13:44
S70	2156	"148".clas. and quench$4 and depth	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/06 13:44

S71	4413	S69 or S70	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/06 13:44
S72	1510	S71 and ((first near hardness or harden$3) with (second near hardness or harden$3))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/06 13:45
S73	374	S71 and ((first near hardness or harden$3) with (second near hardness or harden$3)) and bar	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/06 13:45
S74	360	S71 and ((first near hardness or harden$3) with (second near hardness or harden$3)) and bar and quench$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/06 13:46
S75	1	S69 and ((first near hardness or harden$3) with (second near hardness or harden$3)) and bar and quench$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/06 13:46
S76	4294	((first near hardness or harden$3) with (second near hardness or harden$3)) and bar and quench$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/06 13:46
S77	4606	((first near hardness or harden$3) with (second near hardness or harden$3)) and (rack or bar or rack adj bar) and quench$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/06 13:47
S78	141	((first near hardness or harden$3) with (second near hardness or harden$3)) and (rack or bar or rack adj bar) with screw and quench$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/06 13:49
S79	1	((first near (hardness or harden$3)) with (second near (hardness or harden$3))) and (rack or bar or rack adj bar) with screw and quench$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/06 13:49
S80	168	((first near (hardness or harden$3)) with (second near (hardness or harden$3))) and (rack or bar or rack adj bar)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/06 13:52
S81	1	S71 and ((first near (hardness or harden$3)) with (second near (hardness or harden$3))) and (rack or bar or rack adj bar)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/06 13:52
S82	1	JP54107812	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/20 13:04
S83	0	JP61139625	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/20 13:04

S84	2	"6502473".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/20 13:05
S85	7	("4598451" | "5428208" | "5473960").PN. OR ("6502473").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/20 13:31
S86	155	rack and screw with (ball or lead) and (heat adj treat$4 or quench$3 aor harden$3)	US-PGPUB	OR	OFF	2006/11/20 13:32
S87	155	rack and screw with (ball or lead) and (heat adj treat$4 or quench$3 aor harden$3)	US-PGPUB	OR	OFF	2006/11/20 13:33
S88	1	S87 and (first and second) near (harden$4 or quench$3)	US-PGPUB	OR	OFF	2006/11/20 13:34
S89	2	S87 and depth near (harden$4 or quench$3)	US-PGPUB	OR	OFF	2006/11/20 13:34
S90	2311	(74/388PS,492,493).CCLS.	USPAT; USOCR	OR	OFF	2006/11/20 21:21
S91	0	S90 and harden$4 and quench$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/20 21:21
S92	22	(US-20030097894-$ or US-20020029825-$).did. or (US-6706127-$ or US-6244374-$ or US-6082483-$ or US-5988005-$ or US-5473960-$ or US-6502473-$ or US-6543569-$ or US-6454042-$ or US-2452197-$ or US-5428208-$ or US-3522405-$).did. or (US-2202758-$ or US-2297983-$).did. or (WO-2004106574-$).did. or (JP-04173476-$ or JP-2003164941-$ or JP-2001099269-$).did. or (WO-2006017880-$ or JP-57181327-$ or JP-2001234245-$).did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/01 12:12
S93	17	S92 and (quench$3 or harden$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/02/01 12:13